## JEE Main 29 January 2024 Shift 2 Answer Key <br> Mathematics

Q.1: Find the probability that the number is a multiple of 4 or 6 or 7 If in the given set $=(1,2,3$, ....50\} one number is selected randomly from a set?
A.1: 21/50
Q.2: What will be the remainder when $64^{32(32)}$ is divided by 9 ?
A.2: 1
Q.3: Find the value of 12 A if the area bounded by $0<$ (equal to) $\mathrm{y}<$ (equal to), $\min \{\mathrm{x}+2,2 \mathrm{x}+$ $2\}, x$ is an element of $[3,0]$ ?
A.3: 164
Q.4: $\mathrm{A}=(1,2,3,4\}$ minimum number of elements added to make it equivalence relation on set A containing $(1,3) \&(1,2)$ in it.
A.4: 8

